

ABSTRACT

A high quality electrical contact that is made of a Cd free Ag alloy and can be applied to a breaker is provided.

The electrical contact is made of an Ag alloy containing Sn and In each 1
5 to 9% by weight, and has a first layer as the surface layer and a second layer
as an internal portion. The hardness of the first layer and the hardness of the
second layer are equal to or more than 190 and equal to or less than 130,
respectively, based on micro Vickers standard defined by JIS. The thickness of
the first layer is within the range from 10 to 360 μm . In particular, the
10 electrical contact has a high quality temperature characteristic as well as a
high quality welding resistance characteristic.